

Flight-Testing Newton's Laws			
2000 Mathematics			
Academic Standards			
Indiana Mathematics			
Grades 9-12 (Algebra I)			
Activity/Lesson	State	Standards	
Session-10 (1-5)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.
Session-10 (1-5)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-1 (1-17)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.
Session-1 (1-17)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-2 (1-10)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.
Session-2 (1-10)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-3 (1-6)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.
Session-3 (1-6)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-4 (1-11)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.

Session-4 (1-11)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-5 (1-6)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.
Session-5 (1-6)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-6 (1-8)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.
Session-6 (1-8)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-7 (1-5)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.
Session-7 (1-5)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-8 (1-9)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.
Session-8 (1-9)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
Session-9 (1-7)	IN	MA.9-12.A1.2.2	Solve equations and formulas for a specified variable.

Session-9 (1-7)	IN	MA.9-12.A1.9.4	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously.
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2000 Mathematics			
Academic Standards			
Indiana Mathematics			
Grades 9-12 (Algebra II)			
Activity/Lesson	State	Standards	
Session-10 (1-5)	IN	MA.9-12.A2.6.5	Solve word problems involving fractional equations.
Session-10 (1-5)	IN	MA.9-12.A2.10.5	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously. .
Session-1 (1-17)	IN	MA.9-12.A2.10.5	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously. .
Session-2 (1-10)	IN	MA.9-12.A2.6.5	Solve word problems involving fractional equations.
Session-2 (1-10)	IN	MA.9-12.A2.10.5	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously. .
Session-3 (1-6)	IN	MA.9-12.A2.10.5	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously. .
Session-4 (1-11)	IN	MA.9-12.A2.6.5	Solve word problems involving fractional equations.

Session-4 (1-11)	IN	MA.9-12.A2.10.5	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously. .
Session-5 (1-6)	IN	MA.9-12.A2.6.5	Solve word problems involving fractional equations.
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Session-7 (1-5)	IN	MA.9-12.A2.6.5	Solve word problems involving fractional equations.
Session-7 (1-5)	IN	MA.9-12.A2.10.5	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously. .
Session-8 (1-9)	IN	MA.9-12.A2.10.5	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously. .

Session-9 (1-7)	IN	MA.9-12.A2.10.5	Understand that the logic of equation solving begins with the assumption that the variable is a number that satisfies the equation, and that the steps taken when solving equations create new equations that have, in most cases, the same solution set as the original. Understand that similar logic applies to solving systems of equations simultaneously. .
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